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1990 DEA Acoustique et Vibration de l'Ecole Centrale de Lyon
1993 PhD, University of Wales College of Cardiff, Grande Bretagne
2004 Habilitation à Diriger des Recherches, Université de Nantes

Langues : Français (langue maternelle), Anglais (lu, écrit, parlé), Espagnol (notions)

Déroulement de carrière :

1993-2025 Chercheure spécialisée sur les méthodes sismiques/ultrasonores pour l'auscultation des objets du génie civil
1997-2000 Co-animatrice de la Commission Technique « Mesure et Traitement de l'Information » du Pôle des Sciences de l'Ingénieur du LCPC
2002-2004 Animatrice de l'Opération « Champ physique et Propagation dans les sols et les structures du génie civil » du Comité de Programme LCPC « Auscultation, Surveillance et Diagnostic des Ouvrages, Reconnaissance des Sols Pathologie des ouvrages »
2006-2009 Coordinatrice du symposium international NDTCE'09
2012-2015 Présidente du Conseil Scientifique Restreint du Groupement d'Intérêt Scientifique LiRGeC (Institut Ligérien de Recherche en Génie Civil et Construction)
2012-2017 Pilote du Groupement d'Échange et de Recherche de l'Ifsttar « Evaluation Non destructive »
2011-2017 Membre du Comité AFF40 du TRB (USA) on Field Testing and Nondestructive Evaluation (NDE) of Transportation Structures
2001-2004 Membre du Conseil d'Administration de la Confédération Française pour les
2010-2013 Essais Non Destructifs (COFREND)
2013 → Membre du bureau du Pôle Scientifique et Technique de la Confédération Française pour les Essais Non Destructifs (COFREND)
2015 → Co-organisatrice des doctoriales de la COFREND
2016-2020 Coordinatrice du projet européen H2020-MSCA-ITN INFRASTAR
2019 → Coordinatrice de l'Infrastar Training School®
2015-2021 Directrice du laboratoire Géophysique et Évaluation Non Destructive (Département GERS)
2018-2021 Directrice du GIS Évaluation et Contrôle Non Destructif en Pays de a Loire (ENCD_PdL)
2021-2025 Membre élue du Conseil Académique de l'Université Gustave Eiffel
2021-2025 Adjointe au Directeur du Département GERS en charge de la politique internationale
2023 Co-organisatrice du congrès Diagnobéton 2023
2022-2025 Coordinatrice du projet ANR-21-CE04-0007 FO-US
2023-2027 Coordinatrice du projet européen HORIZON-MSCA-2021-DN USES2
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2025 → Subject Editor for Civil Structures and Construction Materials NDT&E International, Elsevier
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Formation continue : 2019 Formation Python / 2019 Formation « prise de parole sensible » / 2012, 2019, 2026 H0 H1 M1 / 2010 Formation sur les incertitudes de mesure / 2007 Formation Lecture rapide / 2004 Formation Management / 2002 Stage CNRS « Ondelettes » / 2000 Formations CESAR, HTML / 1994→1996 3 stages LCPC sur les méthodes statistiques / 1995 Stage "Système d'acquisition de signaux : conception et réalisation" à Supélec / 1994 Cours INRIA sur les méthodes numériques d'ordre élevé pour

les ondes en régime transitoire / 1993 Cours INRIA sur les ondes guidées et résonances.

Affiliations en cours de validité : COFREND, AFGC, SFA

Prix : 2020 : Récompense les Étoiles de l'Europe pour le projet H2020-MSCA-ITN INFRASTAR

2005 : EAGE Mintrop Award pour l'article **Abraham O.**, Chammas R., Côte Ph., Pedersen H.A., Semblat J.-F., *Mechanical characterisation of heterogeneous soils with surface waves : experimental validation on reduced scale physical models*, Near Surface Geophysics, 2(4), pp249-258, 2005.

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